

H A N W E L L
URBAN DISTRICT COUNCIL.

1920.

A N N U A L R E P O R T

of

GEORGE HOPE, D.P.H., L.R.C.P., M.R.C.S., & L.S.A.
)London)

MEDICAL OFFICER of HEALTH.

1. The first part of the report is a general statement of the purpose of the study.

2. The second part of the report is a description of the methods used in the study.

3. The third part of the report is a description of the results of the study.

4. The fourth part of the report is a discussion of the results of the study.

5. The fifth part of the report is a conclusion of the study.

6. The sixth part of the report is a list of references.

7. The seventh part of the report is a list of appendices.

8. The eighth part of the report is a list of tables.

9. The ninth part of the report is a list of figures.

10. The tenth part of the report is a list of footnotes.

To the Chairman and Councillors of the
Hanwell Urban District Council.

Mrs. Taylor and Gentlemen,

In presenting this my twenty-fourth and last Annual Report. I have to point out that a Memorandum as to contents and arrangement of the Annual Reports of Medical Officers of Health for 1920 has been issued as usual to all Medical Officers of Health, but as this apparently applies to the larger and more important Districts, it is probably not intended some of the clauses of the Memorandum should apply to such an area as Hanwell.

In this case only very brief reference is made to subjects which locally are only of secondary importance.

Another Memorandum has been sent from the General Register Office, which I append, and which explains itself:-

"1st March 1921.

"The annual distribution of his returns of births and deaths and estimates of population for the past year affords the Registrar General an opportunity of directing the attention of Medical Officers of Health and others using the returns to some points upon which experience has shown that misunderstandings tend to arise.

"1. The number of births and deaths are those registered during the calendar year and are corrected for inward and outward transfers, they will therefore differ from uncorrected figures compiled locally either for the calendar year or for a period of fifty-two or fifty-three weeks.

"2. Population

In 1920 demobilization had reached a stage at which it is felt that the distinction between "Birth-rate populations and death-rate populations," made during the period when a large part of the male population was under arms, might in general be discontinued. For most districts, therefore, a single estimate of population is shown and this is applicable to both births and deaths. For a few areas which contain an appreciable non-civilian population, however, two estimates of population, one for calculation of the birth-rate and one for the civilian death rate, are given, as in recent years.

"3. The classification of some deaths is modified in the light of fuller information obtained from the certifying practitioner in response to special inquiries. The principal subjects of these enquiries are indicated in a table published in the yearly reports of the Registrar General; and this possible source of discrepancy between the returns of the Registrar General and those compiled locally should be borne in mind particularly in regard to the causes of death dealt with in that table.

"4. If it is desired to criticize the figures supplied this should be done at an early date. Every effort will be made in that case to clear up any points of serious difference from locally compiled returns and to amend the Registrar General's figures if these prove to be in error. But it will be impossible for him to entertain any suggestion for their alteration unless made within two weeks of their circulation to local authorities.

Causes of Death (Civilians only)	Males.	Females.
All Causes	87.	89.
1. Enteric Fever	-	-
2. Small-pox.	-	-
3. Measles	-	1
4. Scarlet Fever	-	-
5. Whooping Cough	-	1
6. Diphtheria & Croup.	-	2
7. Influenza.	3	2
8. Erysipelas	-	-
9. Pulmonary Tuberculosis	7	8
10. Tuberculous Meningitis.	-	1
11. Other tuberculous diseases	1	1
12. Cancer, malignant disease	8	11
13. Rheumatic Fever	-	1
14. Meningitis.	-	-
15. Organic heart disease	6	12
16. Bronchitis	5	7
17. Pneumonia (all forms)	5	2
18. Other respiratory diseases	2	1
19. Diarrhoea, &c. (under 2 years)	3	-
20. Appendicitis & Typhlitis	-	-
21. Cirrhosis of liver	-	-
22. Nephritis and Bright's	4	2
23. Puerperal Fever	-	1
24. Parturition, apart from Puerperal Fever	-	3.
25. Congenital debility, &c.	9	5
26. Violence, apart from suicide	4	-
27. Suicide	1	-
28. Other defined diseases	29	28.
Special Causes (included above)		
Encephalitis Lethargica	1	-
Deaths of infants under 1 year of age		
Total	20	8
Illegitimate	2	-
Total Births	249	265
Legitimate	239	248
Illegitimate	10	17
Population for Births and Deaths	21,288	

Table XV. Birth-rate, Death-rate, and Analysis of Mortality
during the Year 1920.

(Provisional figures. Provisional population estimated to the middle of 1920 have been used for the purposes of this Table. The mortality rates refer to the whole population as regards England and Wales, but only to Civilians as regards London and the groups of towns.)

	England & Wales.	96. Great Towns.	148 Smaller Towns.	London.
Birth-rate per 1000 Total Population	25.4	26.2	24.9	26.5
Annual Death rate per 1000 population.	(All Causes 12.4	12.5	11.3	12.4
	{ Enteric			
	{ Fever 0.01	0.01	0.02	0.01
	{ Smallpox 0.00	0.00	0.00	0.00
	{ Measles 0.19	0.22	0.19	6.22
	{ Scarlet			
	{ Fever 0.04	0.04	0.03	0.05
	{ Whooping			
	{ Cough 0.11	0.14	0.10	0.17
	{ Diphtheria 0.15	0.16	0.14	0.22
	{ Influenza 0.28	0.31	0.27	0.30
	{ Violence 0.48	0.43	0.38	0.47

Rate per 1,000 Births.

Diarrhoea & Enteritis (under 2 years)	8.3	10.4	7.8	9.5
Total deaths under One Year	80	85	89	75

Percentage of Total Deaths.

Deaths in Public Institutions	24.3	31.3	16.5	46.8
Certified Causes of Death.	92.2	92.2	93.2	91.2
Inquest Cases	6.6	7.1	5.3	8.6
Uncertified Causes of Death	1.2	0.7	1.5	0.2

The population recorded at the Census 1911 was 19,129, it is now 21,228, and as the number of deaths was 176, the death rate for the year is only 8.2 per 1000 persons living; last year it was 9.4

According to the Registrar General's Return, there were 28 deaths of infants under 12 months old, and the total number of Births was 514; the Infantile Mortality rate is 54.2 per 1000 Births.

For the year 1919, the Infantile Death rate was 70.5 per 1000 Births.

During the year I received 136 notices of cases of Infectious diseases, viz: Diphtheria 38, Scarlet Fever 75, Erysipelas 5, Encephalitis Lethargica 1, Malaria (Imported) 6, Typhoid Fever 1, Pneumonia (Influenzal) 7, and Puerperal Fever 3.

12 of the Scarlet Fever cases and 5 of the Diphtheria occurred

at the Central London District School.

By referring to the Sanitary Inspector's Report appended hereto, the action taken in dealing with these cases can be seen; also by referring to the Return from the Registrar General's Office, it will be noticed that the deaths that occurred from these diseases were Pneumonia (Influenzal) 5, Encephalitis, Lethargica 1. There were no deaths from any of the other diseases mentioned.

During the previous year, 1919, 146 notices were received.

REPORT of INSPECTOR of NUISANCES.

INSPECTIONS.

Number of premises inspected	460.
Number of premises inspected in connection with Infectious diseases	97.
Number of re-visits re work in progress	1723.
Number of revisits in connection with infectious disease	210.
Number of premises under periodical inspection.	70.
Total number of inspections and re-inspections made	2651.

ACTION TAKEN.

Cautionary or Intimation notices given	475.
Statutory orders issued	332.
Notices sent to Schools, &c. re Infectious disease	304.

MOVEABLE DWELLINGS, CARAVANS, &c.

Number observed during the year	6.
Number removed from District	6.

BAKEHOUSES.

Number in District	10.
Contraventions of Factory Acts	4.
Number of inspections made	21.

SLAUGHTER HOUSES.

Number on Register (one infrequently)	3.
Number of inspections made	35.

COWSHEDS.

Number on Register	1.
Number of inspections made.	2.
Number of Milch Cows in District (all grazed out)*	12.

DAIRIES & MILKSHOPS.

Number on Register	18.
Number of inspections made	34.
Contraventions of Regulations	6.

UN SOUND FOOD.

Fish seized and surrendered	140 lbs.
Bacon seized and surrendered	241 "
Butter seized and surrendered	12 "
Total	393 "

WATER SUPPLY & WATER SERVICE.

Percentage of houses supplied from public water service.	100%
Cisterns cleansed, repaired, covered, &c.	30.
Waste of Water reported to Metropolitan Water Board	12.

DRAINAGE and SEWERAGE of EXISTING BUILDINGS.

Water Closets.

Repaired, supplied with water or otherwise improved	79.
Percentage of houses provided with water closets	999.9

<u>Drains.</u> Examined, tested, exposed, &c.	74.
Unstopped, repaired and trapped.	71
Waste pipes, rainwater pipes disconnected, repaired, etc.	74.
New Soil or Ventilating shafts fixed	4.
Existing soil pipes or ventilating shafts repaired	5.
Disconnecting traps or chambers inserted	7.
Reconstructed	7.
percentage of houses draining into sewers	999.9.

DISINFECTION.

Rooms disinfected, ordinary infectious cases	102.
Rooms disinfected - Phthisis	13.
Rooms stripped and cleansed	95.
Articles disinfected, Ordinary infectious diseases.	884.
Articles disinfected - Phthisis	134.

BACTERIOLOGICAL EXAMINATIONS.

Positive	22.
Negative	102.

HOSPITALS.

Patients removed to Acton Isolation Hospital	71.
Average cost per patient	£16. 0. 8.
Average stay in Hospital	43 day
Removed to other Hospitals	4.

PATIENTS NURSED AT HOME.

Diphtheria	6.
Scarlet	18.
Malaria	3.

DUST.

New Bins provided	302.
How frequently is Dust removed	Weekly.
Number of complaints	1.
Method of Disposal.	Destructor.

SUNDRY NUISANCES ABATED.

Accumulations of Refuse	8.
Foul ditches, ponds, and stagnant water	2.
Foul pigs and other animals	8.
Dampness	141.
Yards repaved or repaired	55.
Other Nuisances	124.
Houses cleansed, repaired, &c.	254.
Owners and Contractors seen re work	73.
Miscellaneous	73.

FACTORIES, WORKSHOPS, WORKPLACES and HOMEWORK.

1. Inspection.

Premises. (1)	Inspections. (2)	Number of Notices. (3)	Prosecutions. (4)
<u>Factories.</u>			
(Including Factory Laundries.	3	-	-
<u>Workshops.</u>			
(Including Workshop Laundries)	63	-	-
<u>Workplaces</u>			
(Other than Outworkers' premises included in Part 3 of this Report.	4	-	-
Total	70	-	-

2. Defects found.

Particulars.	Number of defects. Found.	Remedies.	Referred to H.M. Inspector.	Number of Prosecutions.
<u>Nuisances under the Public Health Acts :-</u>				
Want of cleanliness	-	-	-	-
Want of ventilation	-	-	-	-
Overcrowding	-	-	-	-
Want of drainage of floors "	-	-	-	-
Other nuisances	-	-	-	-
<u>Sanitary accommodation :-</u>				
Insufficient	-	-	-	-
Unsuitable or defective "	-	-	-	-
Not separate for sexes "	-	-	-	-
<u>Offences under the Factory & Workshop Acts :-</u>				
Illegal occupation of underground bake-houses (s.101)	-	-	-	-
Breach of special sanitary requirements for bake-houses (ss 97 - 100)	4	4	-	-
Other offences	-	-	-	-
Total	4	4	-	-

3. Home Works.

NATURE of WORK.	<u>Outworkers Lists Section.</u>			<u>Outwork in infected Premises, Ss. 109, 110.</u>	
	Lists received from Employers.			Instances.	Orders made.
	<u>Sending twice in the year.</u>				
	Outworkers.				
	Lists.	Con-tractors.	Work-men.		
Wearing apparel) Making, &c.	12.		19	1	1

4. Registered Workshops.

Workshops on the Register (s.131) at the end of year.	Number.
Bakehouses	10.
Workshops, various	8.
laundries.	10.
Work Places	2.
Outworkers	19.
Total number of workshops on Register	49.

5. Other Matters.

<u>Class.</u>	Number.
Matters notified to H.M. Inspector of Factpries :-	
Failure to affix Abstract of the Factory (s. 133. 1901)	1.
Action taken in matter referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts, s.5.1901	Notified by H.M. Inspector 3. Reports (of action taken) sent to H.M. Inspector 3.
Other	-
Underground Bakehouses (s.101) in use at the end of year	3

REPORT of HEALTH VISITOR.

The Number of Births notified according to the Notification of Births Act :-

By Doctors within the District	356.
" " outside " "	10.
" Midwives	165.
Number of Stillbirths	9.

The Number of Births registered within the District :-

Legitimate Birthd.	487.
Illegitimate Births	25.

The Number registered outside the District 10.

Infant Mortality.

Number of cases known and visited	25.
Actual number of deaths	28.

It is interesting: and instructive with regard to our future work to note that the children who died were very young, 3 being under 1 day, 14 under 1 week, 5 under 1 month, and the remaining 3 under 1 year.

Consumptives.

Of the 43 notifications received, 21 were new cases, 17 being Pulmonary.

That during the year 18 patients have been admitted to Sanatoria, and 39 suspicious cases have been sent to the County Council Dispensary for examination.

Measles. 148 cases of Measles have been visited, but as the disease is not now notifiable, we have no record of the actual cases which occurred in the District.

Ophthalmia Neonatorum. 4 cases of Ophthalmia Neonatorum occurred in the District, one case was admitted to Isleworth Infirmary, and the other 3 attended to at home, and made good progress.

Contagious Diseases. 282 cases of Contagious diseases were visited, but were not of a serious nature.

Hospital treatment. 104 cases have received special treatment at Hospitals during the year.

Cases discharged from Hospital have been visited at the request of the Hospital authorities.

Bronchitis & Pneumonia. 220 special visits have been to infants and young children suffering from Bronchitis & Pneumonia, and help given in pneumonia jackets, etc.

Necessitous Cases. Help in kind and clothing have been given in 10 cases.

At Christmas 20 ~~parrots~~ families were given parcels or coal by private generosity.

Maternity and Child Welfare Centre.

The number of expectant mothers on books, to whom visits have been paid	216.
The number of xxxxx first visits paid to Infants	494.
Total Visits	3749.
The Number of attendances at the Centre for the year	493.
The Sessions are on Tuesday and Thursday - 2.30 to 4.	
Average attendances on Tuesday	56.
" " " Thursday	30.
making a weekly average of	86.

The Ante-Natal Clinic is not yet operating at the Public Library, but expectant mothers are sent to the Specialist, Dr. Bell, Old Court, Ealing, when necessary. Complicated cases can either be taken into his Nursing Home, or sent to the West Middlesex Hospital.

The Ante-Natal work has developed very largely in the last two years, with every indication of increased success in the future. Mothers are beginning to understand that they can get advice and special attention at the Centre, and they are coming forward freely and gladly, and this work of the greatest possible value is being done under very hampering conditions. A marked change is noticed in the condition of the children brought to the Centre, due to the educational influence bearing fruit, the Mothers knowing that it pays to bring the child as soon as possible after birth so as to have any defects in food and general hygiene pointed out, and minor ailments treated early.

In March, it became necessary to commence a second weekly session to reduce the pressure of work on Tuesdays, and at the same time to bring in mothers who could not attend on that day.

It is principally healthy children who are dealt with at the Centre, cases of sick children being referred to local Doctors and to the Cottage Hospital, and London Hospitals if found necessary.

Another feature of the work which is of great value, is the sale of Milk and drugs at cost price. Milk and drugs are given free in necessitous cases. The aim has been at the Centre to see that the children benefit by the Milk and drugs sold at the Centre, the children being regularly weighed and other observations made, so that it has been proved that the children for whom it was intended were actually consuming the milk to their physical benefit.

Whereas my appointment of Medical Officer of Health to your Council will terminate on the 31st July, and I may be required by the Ministry of Health to supply a Supplementary Report to include this period from the end of 1920, I do not think it necessary to again repeat what I have often said in my previous Annual Reports, which remain the same: there is still a great want of some Nursing Association, Public Baths, and Public Convenience, at the same time, from the figures given herein, and referring and comparing them with those of previous Reports, one cannot but say that the general health of the District is satisfactory, the general Death Rate, the Infant mortality rate, the number of cases of Infectious diseases notified all show a considerable reduction, and tend to contradict statements that have been made in the public Press to the contrary by people who should know better.

I am,

Yours faithfully,

(Sd.) GEORGE HOPE.

